



1261232

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Cadmium	7	Y		mg/kg	N/A
Grand Mogul on CC	CC01F	UASW030	Lower Ross Basin upstream of Grand Mogul	Cadmium	10.4	Y		mg/kg	
	UASW059	UASW059	Grand Mogul discharge (at toe)	Cadmium	2.8	Y	J	mg/kg	
	CC01T	UASW023	Cement Creek upstream of Mogul North and downstream of Grand Mogul	Cadmium	6	Y		mg/kg	No
Gold King	UASE012	UASE012	Upstream of Gold King 7 level	Cadmium	0.12	Y	J	mg/kg	
	UASE011	UASE011	Downstream of Gold King 7 level	Cadmium	0.11	Y	J	mg/kg	No
Mogul North on CC	CC01T	UASE023	Cement Creek upstream of Mogul North and downstream of Queen Anne	Cadmium	6	Y		mg/kg	
	CC02A	UASE022	Mogul North Mine drainage	Cadmium	1.7	Y	J	mg/kg	
	UASE021	UASE021	Cement Creek downstream of Mogul North Mine	Cadmium	6	Y		mg/kg	No
Mogul on CC	UASE020	UASE020	Cement Creek upstream of Mogul Mine	Cadmium	7.4	Y		mg/kg	
	UASE019	UASE019	Mogul Wetland discharge	Cadmium	1.4	Y		mg/kg	
	UASE018	UASE018	Cement Creek upstream of Mogul wetland	Cadmium	2	Y		mg/kg	
	UASE017	UASE017	Cement Creek downstream of Mogul wetland	Cadmium	0.48	Y	J	mg/kg	No
Red and Bonita on CC	CCOPP-12	UASE016	Cement Creek upstream of Red and Bonita	Cadmium	1.1	Y	J	mg/kg	
	CC03D	UASE015	Channel below Red and Bonita	Cadmium	2.4	Y		mg/kg	
	UASE014	UASE014	Cement Creek downstream of Red and Bonita	Cadmium	1.2	Y	J	mg/kg	No
N. Fork (Gold King) on CC	UASE013	UASE013	Cement Creek upstream of N. Fork	Cadmium	0.51	Y	J	mg/kg	
	UASE010	UASE010	North Fork of Cement Creek	Cadmium	0.51	Y	J	mg/kg	
	UASW009	UASE009	Cement Creek downstream of N Fork	Cadmium	0.58	Y	J	mg/kg	No
American Tunnel on CC	UASE008	UASE008	Cement Creek upstream of American Tunnel	Cadmium	1.3	Y		mg/kg	
	CC18	UASE007	American Tunnel Discharge at Cement Creek	Cadmium	0.35	Y	J	mg/kg	
	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tunnel	Cadmium	2.9	Y		mg/kg	No
S. Fork on CC	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tunnel	Cadmium	2.9	Y		mg/kg	
	CC17	UASE005	S. Fork of Cement Creek	Cadmium	0.42	Y	J	mg/kg	
	UASE004	UASE004	Cement Creek downstream of S Fork	Cadmium	0.9	Y		mg/kg	No
Dry Gulch on CC	UASE058	UASE058	Cement Creek upstream of Dry Gulch	Cadmium	2.7	Y		mg/kg	
	UASE056	UASE056	Cement Creek downstream of Dry Gulch	Cadmium	0.7	Y	J	mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Cadmium	0.77	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050	UASE050	Cement Creek upstream of Georgia Gulch	Cadmium	2.7	Y		mg/kg	
	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairview Gulch and Elk Tunnel	Cadmium	17.5	Y		mg/kg	Yes
Elk Tunnel/ Fairview Gulch on CC	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairview Gulch and Elk Tunnel	Cadmium	17.5	Y		mg/kg	
	UASE047	UASE047	Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Cadmium	0.44	Y	J	mg/kg	No
Minnesota Gulch on CC	UASE046	UASE046	Cement Creek upstream of Minnesota Gulch	Cadmium	0.45	Y	J	mg/kg	
	UASE045	UASE045	Minnesota Gulch	Cadmium	0.35	Y	J	mg/kg	
	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnesota Gulch	Cadmium	2	Y		mg/kg	Yes
Anglo Saxon on CC	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnesota Gulch	Cadmium	2	Y		mg/kg	
	UASE043	UASE043	Anglo Saxon Mine discharge	Cadmium	4.1	Y		mg/kg	
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Cadmium	0.79	Y	J	mg/kg	No
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Cadmium	0.51	Y	J	mg/kg	
	UASE040	UASE040	Ohio Gulch	Cadmium	2.6	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Cadmium	0.47	Y	J	mg/kg	No

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BC?
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Cadmium	0.47	Y	J	mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Cadmium	0.52	Y	J	mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Cadmium	1.4	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Cadmium	0.83	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Cadmium	5.8	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Cadmium	0.66	Y	J	mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Cadmium	0.74	Y	J	mg/kg	No
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Cadmium	0.78	Y	J	mg/kg	
	M34	UASE033	Mineral Creek	Cadmium	1	Y	J	mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Cadmium	0.97	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Cadmium	2	Y		mg/kg	N/A

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Zinc	899	Y		mg/kg	N/A
Grand Mogul on CC	CC01F	UASW030	Lower Ross Basin upstream of Grand Mogul	Zinc	1500	Y		mg/kg	
	UASW059	UASW059	Grand Mogul discharge (at toe)	Zinc	524	Y		mg/kg	
	CC01T	UASW023	Cement Creek upstream of Mogul North and downstream of Gra Zinc	Zinc	614	Y		mg/kg	No
Gold King	UASE012	UASE012	Upstream of Gold King 7 level	Zinc	73.8	Y		mg/kg	
	UASE011	UASE011	Downstream of Gold King 7 level	Zinc	44.1	Y		mg/kg	No
Mogul North on CC	CC01T	UASE023	Cement Creek upstream of Mogul North and downstream of Qu Zinc	Zinc	614	Y		mg/kg	
	CC02A	UASE022	Mogul North Mine drainage	Zinc	350	Y		mg/kg	
	UASE021	UASE021	Cement Creek downstream of Mogul North Mine	Zinc	651	Y		mg/kg	No
Mogul on CC	UASE020	UASE020	Cement Creek upstream of Mogul Mine	Zinc	1990	Y		mg/kg	
	UASE019	UASE019	Mogul Wetland discharge	Zinc	444	Y		mg/kg	
	UASE018	UASE018	Cement Creek upstream of Mogul wetland	Zinc	332	Y		mg/kg	
	UASE017	UASE017	Cement Creek downstream of Mogul wetland	Zinc	184	Y		mg/kg	No
Red and Bonita on CC	CCOPP-12	UASE016	Cement Creek upstream of Red and Bonita	Zinc	378	Y		mg/kg	
	CC03D	UASE015	Channel below Red and Bonita	Zinc	1040	Y		mg/kg	
	UASE014	UASE014	Cement Creek downstream of Red and Bonita	Zinc	465	Y		mg/kg	
N. Fork (Gold King) on CC	UASE013	UASE013	Cement Creek upstream of N. Fork	Zinc	240	Y		mg/kg	
	UASE010	UASE010	North Fork of Cement Creek	Zinc	145	Y		mg/kg	
	UASW009	UASE009	Cement Creek downstream of N Fork	Zinc	242	Y		mg/kg	No
American Tunnel on CC	UASE008	UASE008	Cement Creek upstream of American Tunnel	Zinc	289	Y		mg/kg	
	CC18	UASE007	American Tunnel Discharge at Cement Creek	Zinc	269	Y		mg/kg	
	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tu Zinc	Zinc	815	Y		mg/kg	No
S. Fork on CC	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tu Zinc	Zinc	815	Y		mg/kg	
	CC17	UASE005	S. Fork of Cement Creek	Zinc	145	Y		mg/kg	
	UASE004	UASE004	Cement Creek downstream of S Fork	Zinc	261	Y		mg/kg	No
Dry Gulch on CC	UASE058	UASE058	Cement Creek upstream of Dry Gulch	Zinc	628	Y		mg/kg	
	UASE056	UASE056	Cement Creek downstream of Dry Gulch	Zinc	206	Y		mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Zinc	192	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050	UASE050	Cement Creek upstream of Georgia Gulch	Zinc	693	Y		mg/kg	
	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fain Zinc	Zinc	4910	Y		mg/kg	Yes
Elk Tunnel/ Fairview Gulch on CC	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fain Zinc	Zinc	4910	Y		mg/kg	
	UASE047	UASE047	Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Zinc	131	Y		mg/kg	No
Minnesota Gulch on CC	UASE046	UASE046	Cement Creek upstream of Minnesota Gulch	Zinc	177	Y		mg/kg	
	UASE045	UASE045	Minnesota Gulch	Zinc	144	Y		mg/kg	
	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes Zinc	Zinc	478	Y		mg/kg	No
Anglo Saxon on CC	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes Zinc	Zinc	478	Y		mg/kg	
	UASE043	UASE043	Anglo Saxon Mine discharge	Zinc	2470	Y		mg/kg	

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Zinc	225	Y		mg/kg	No
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Zinc	186	Y		mg/kg	
	UASE040	UASE040	Ohio Gulch	Zinc	604	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Zinc	136	Y		mg/kg	No
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Zinc	136	Y		mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Zinc	153	Y		mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Zinc	360	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Zinc	197	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Zinc	1470	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Zinc	199	Y		mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Zinc	205	Y		mg/kg	No
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Zinc	241	Y		mg/kg	
	M34	UASE033	Mineral Creek	Zinc	339	Y		mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Zinc	289	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Zinc	447	Y		mg/kg	Yes

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Arsenic	49.4	Y		mg/kg	N/A
Grand Mogul on CC	CC01F	UASW030	Lower Ross Basin upstream of Grand Mogul	Arsenic	31.5	Y		mg/kg	
	UASW059	UASW059	Grand Mogul discharge (at toe)	Arsenic	969	Y		mg/kg	
	CC01T	UASW023	Cement Creek upstream of Mogul North and downstream of Gra	Arsenic	45.6	Y		mg/kg	No
7 Level	UASE012	UASE012	upstream of Gold King 7 level	Arsenic	17.3	Y		mg/kg	
	UASE011	UASE011	downstream of Gold King 7 level	Arsenic	36.7	Y		mg/kg	No
N Mogul on CC	CC01T	UASE023	Cement Creek upstream of Mogul North and downstream of Que	Arsenic	45.6	Y		mg/kg	
	CC02A	UASE022	Mogul North Mine drainage	Arsenic	42.6	Y		mg/kg	
	UASE021	UASE021	Cement Creek downstream of Mogul North Mine	Arsenic	25.8	Y		mg/kg	No
Mogul on CC	UASE020	UASE020	Cement Creek upstream of Mogul Mine	Arsenic	36.8	Y		mg/kg	
	UASE019	UASE019	Mogul Wetland discharge	Arsenic	62.5	Y		mg/kg	
	UASE018	UASE018	Cement Creek upstream of Mogul wetland	Arsenic	28.1	Y		mg/kg	
	UASE017	UASE017	Cement Creek downstream of Mogul wetland	Arsenic	17.7	Y		mg/kg	No
R&B on CC	CCOPP-12	UASE016	Cement Creek upstream of Red and Bonita	Arsenic	57.5	Y		mg/kg	
	CC03D	UASE015	Channel below Red and Bonita	Arsenic	23.2	Y		mg/kg	
	UASE014	UASE014	Cement Creek downstream of Red and Bonita	Arsenic	24.5	Y		mg/kg	No
Gold King on CC	UASE013	UASE013	Cement Creek upstream of N. Fork	Arsenic	20.5	Y		mg/kg	
	UASE010	UASE010	North Fork of Cement Creek	Arsenic	26.2	Y		mg/kg	
	UASW009	UASE009	Cement Creek downstream of N Fork	Arsenic	15.2	Y		mg/kg	No
American Tunnel on CC	UASE008	UASE008	Cement Creek upstream of American Tunnel	Arsenic	33.3	Y		mg/kg	
	CC18	UASE007	American Tunnel Discharge at Cement Creek	Arsenic	17.7	Y		mg/kg	
	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tur	Arsenic	50.2	Y		mg/kg	No
S. Fork on CC	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tur	Arsenic	50.2	Y		mg/kg	
	CC17	UASE005	S. Fork of Cement Creek	Arsenic	11.6	Y		mg/kg	
	UASE004	UASE004	Cement Creek downstream of S Fork	Arsenic	20.3	Y		mg/kg	No
Dry Gulch on CC	UASE058	UASE058	Cement Creek upstream of Dry Gulch	Arsenic	35.6	Y		mg/kg	
	UASE056	UASE056	Cement Creek downstream of Dry Gulch	Arsenic	20.3	Y		mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Arsenic	58.9	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050	UASE050	Cement Creek upstream of Georgia Gulch	Arsenic	34.7	Y		mg/kg	
	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairvi	Arsenic	37.7	Y		mg/kg	No
Elk Tunnel/ Fairview Gulch on CC	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairvi	Arsenic	37.7	Y		mg/kg	
	UASE047	UASE047	Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Arsenic	24.3	Y		mg/kg	No
Minnesota Gulch on CC	UASE046	UASE046	Cement Creek upstream of Minnesota Gulch	Arsenic	115	Y		mg/kg	
	UASE045	UASE045	Minnesota Gulch	Arsenic	46.9	Y		mg/kg	
	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Arsenic	34	Y		mg/kg	No
Anglo Saxon on CC	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Arsenic	34	Y		mg/kg	
	UASE043	UASE043	Anglo Saxon Mine discharge	Arsenic	103	Y		mg/kg	
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Arsenic	37.2	Y		mg/kg	No

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Arsenic	34.3	Y		mg/kg	
	UASE040	UASE040	Ohio Gulch	Arsenic	54.8	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Arsenic	34	Y		mg/kg	No
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Arsenic	34	Y		mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Arsenic	35.3	Y		mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Arsenic	35.3	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Arsenic	41.7	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Arsenic	5.9	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Arsenic	34.1	Y		mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Arsenic	45.3	Y		mg/kg	Yes
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Arsenic	13.3	Y		mg/kg	
	M34	UASE033	Mineral Creek	Arsenic	26.7	Y		mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Arsenic	14.2	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Arsenic	27.3	Y		mg/kg	N/A

Contribution of	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Lead	754	Y		mg/kg	N/A
Grand Mogul on CC	CC01F	UASW030	Lower Ross Basin upstream of Grand Mogul	Lead	1480	Y		mg/kg	
	UASW059	UASW059	Grand Mogul discharge (at toe)	Lead	1100	Y		mg/kg	
	CC01T	UASW023	Cement Creek upstream of Mogul North and downstream of Grar	Lead	2030	Y		mg/kg	No
7 Level	UASE012	UASE012	upstream of Gold King 7 level	Lead	532	Y		mg/kg	
	UASE011	UASE011	downstream of Gold King 7 level	Lead	136	Y		mg/kg	No
N Mogul on CC	CC01T	UASE023	Cement Creek upstream of Mogul North and downstream of Que	Lead	2030	Y		mg/kg	
	CC02A	UASE022	Mogul North Mine drainage	Lead	668	Y		mg/kg	
	UASE021	UASE021	Cement Creek downstream of Mogul North Mine	Lead	481	Y		mg/kg	No
Mogul on CC	UASE020	UASE020	Cement Creek upstream of Mogul Mine	Lead	779	Y		mg/kg	
	UASE019	UASE019	Mogul Wetland discharge	Lead	546	Y		mg/kg	
	UASE018	UASE018	Cement Creek upstream of Mogul wetland	Lead	543	Y		mg/kg	
	UASE017	UASE017	Cement Creek downstream of Mogul wetland	Lead	379	Y		mg/kg	No
R&B on CC	CCOPP-12	UASE016	Cement Creek upstream of Red and Bonita	Lead	1460	Y		mg/kg	
	CC03D	UASE015	Channel below Red and Bonita	Lead	457	Y		mg/kg	
	UASE014	UASE014	Cement Creek downstream of Red and Bonita	Lead	773	Y		mg/kg	No
Gold King on CC	UASE013	UASE013	Cement Creek upstream of N. Fork	Lead	362	Y		mg/kg	
	UASE010	UASE010	North Fork of Cement Creek	Lead	294	Y		mg/kg	
	UASW009	UASE009	Cement Creek downstream of N Fork	Lead	341	Y		mg/kg	No
American Tunnel on CC	UASE008	UASE008	Cement Creek upstream of American Tunnel	Lead	711	Y		mg/kg	
	CC18	UASE007	American Tunnel Discharge at Cement Creek	Lead	217	Y		mg/kg	
	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tur	Lead	5720	Y		mg/kg	No
S. Fork on CC	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tur	Lead	5720	Y		mg/kg	
	CC17	UASE005	S. Fork of Cement Creek	Lead	145	Y		mg/kg	
	UASE004	UASE004	Cement Creek downstream of S Fork	Lead	726	Y		mg/kg	No
Dry Gulch on CC	UASE058	UASE058	Cement Creek upstream of Dry Gulch	Lead	2050	Y		mg/kg	
	UASE056	UASE056	Cement Creek downstream of Dry Gulch	Lead	875	Y		mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Lead	254	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050	UASE050	Cement Creek upstream of Georgia Gulch	Lead	346	Y		mg/kg	
	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairvi	Lead	847	Y		mg/kg	No
Elk Tunnel/ Fairview Gulch on CC	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fairvi	Lead	847	Y		mg/kg	
	UASE047	UASE047	Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Lead	304	Y		mg/kg	No
Minnesota Gulch on CC	UASE046	UASE046	Cement Creek upstream of Minnesota Gulch	Lead	1700	Y		mg/kg	
	UASE045	UASE045	Minnesota Gulch	Lead	342	Y		mg/kg	
	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Lead	361	Y		mg/kg	No
Anglo Saxon on CC	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Lead	361	Y		mg/kg	
	UASE043	UASE043	Anglo Saxon Mine discharge	Lead	255	Y		mg/kg	
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Lead	417	Y		mg/kg	No

Contribution of	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Lead	334	Y		mg/kg	
	UASE040	UASE040	Ohio Gulch	Lead	598	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Lead	361	Y		mg/kg	No
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Lead	361	Y		mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Lead	541	Y		mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Lead	306	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Lead	394	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Lead	612	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Lead	322	Y		mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Lead	459	Y		mg/kg	No
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Lead	366	Y		mg/kg	
	M34	UASE033	Mineral Creek	Lead	210	Y		mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Lead	187	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Lead	734	Y		mg/kg	N/A

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualif.	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Manganese	11500	Y		mg/kg	N/A
Grand Mogul on CC	CC01F UASW059 CC01T	UASW030 UASW059 UASW023	Lower Ross Basin upstream of Grand Mogul Grand Mogul discharge (at toe) Cement Creek upstream of Mogul North and downstream of Gra	Manganese Manganese Manganese	6600 304 7960	Y Y Y		mg/kg mg/kg mg/kg	No
7 Level	UASE012 UASE011	UASE012 UASE011	upstream of Gold King 7 level downstream of Gold King 7 level	Manganese Manganese	675 156	Y Y		mg/kg mg/kg	No
N Mogul on CC	CC01T CC02A UASE021	UASE023 UASE022 UASE021	Cement Creek upstream of Mogul North and downstream of Qui Mogul North Mine drainage Cement Creek downstream of Mogul North Mine	Manganese Manganese Manganese	7960 1180 4710	Y Y Y		mg/kg mg/kg mg/kg	No
Mogul on CC	UASE020 UASE019 UASE018 UASE017	UASE020 UASE019 UASE018 UASE017	Cement Creek upstream of Mogul Mine Mogul Wetland discharge Cement Creek upstream of Mogul wetland Cement Creek downstream of Mogul wetland	Manganese Manganese Manganese Manganese	5130 1130 3650 1420	Y Y Y Y		mg/kg mg/kg mg/kg mg/kg	No
R&B on CC	CCOPP-12 CC03D UASE014	UASE016 UASE015 UASE014	Cement Creek upstream of Red and Bonita Channel below Red and Bonita Cement Creek downstream of Red and Bonita	Manganese Manganese Manganese	2360 239 489	Y Y Y		mg/kg mg/kg mg/kg	No
Gold King on CC	UASE013 UASE010 UASW009	UASE013 UASE010 UASE009	Cement Creek upstream of N. Fork North Fork of Cement Creek Cement Creek downstream of N Fork	Manganese Manganese Manganese	1910 624 2010	Y Y Y		mg/kg mg/kg mg/kg	No
American Tunnel on CC	UASE008 CC18 UASE006	UASE008 UASE007 UASE006	Cement Creek upstream of American Tunnel American Tunnel Discharge at Cement Creek Cement Creek upstream of S Fork/ downstream of American Tu	Manganese Manganese Manganese	4130 336 1340	Y Y Y		mg/kg mg/kg mg/kg	No
S. Fork on CC	UASE006 CC17 UASE004	UASE006 UASE005 UASE004	Cement Creek upstream of S Fork/ downstream of American Tu S. Fork of Cement Creek Cement Creek downstream of S Fork	Manganese Manganese Manganese	1340 839 1530	Y Y Y		mg/kg mg/kg mg/kg	No
Dry Gulch on CC	UASE058 UASE056	UASE058 UASE056	Cement Creek upstream of Dry Gulch Cement Creek downstream of Dry Gulch	Manganese Manganese	1300 659	Y Y		mg/kg mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Manganese	406	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050 UASE049	UASE050 UASE049	Cement Creek upstream of Georgia Gulch Cement Creek downstream of Georgia Gulch/ Upstream of Fair	Manganese Manganese	1380 1200	Y Y		mg/kg mg/kg	No
Elk Tunnel/ Fairview Gulch on CC	UASE049 UASE047	UASE049 UASE047	Cement Creek downstream of Georgia Gulch/ Upstream of Fair Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Manganese Manganese	1200 407	Y Y		mg/kg mg/kg	No
Minnesota Gulch on CC	UASE046 UASE045 UASE044	UASE046 UASE045 UASE044	Cement Creek upstream of Minnesota Gulch Minnesota Gulch Cement Creek upstream of Anglo Saxon/ downstream of Minne	Manganese Manganese Manganese	540 1560 804	Y Y Y		mg/kg mg/kg mg/kg	No
Anglo Saxon on CC	UASE044 UASE043	UASE044 UASE043	Cement Creek upstream of Anglo Saxon/ downstream of Minnet Anglo Saxon Mine discharge	Manganese Manganese	804 2410	Y Y		mg/kg mg/kg	

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifie	Units	3X BG?
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Manganese	636	Y		mg/kg	No
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Manganese	831	Y		mg/kg	
	UASE040	UASE040	Ohio Gulch	Manganese	304	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Manganese	311	Y		mg/kg	No
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Manganese	311	Y		mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Manganese	436	Y		mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Manganese	580	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Manganese	421	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Manganese	6750	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Manganese	506	Y		mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Manganese	333	Y		mg/kg	No
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Manganese	1440	Y		mg/kg	
	M34	UASE033	Mineral Creek	Manganese	897	Y		mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Manganese	1160	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Manganese	2380	Y		mg/kg	N/A

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
Queen Anne on CC	CC01S	UASE024	Downstream of Queen Anne	Copper	294	Y		mg/kg	N/A
Grand Mogul on CC	CC01F	UASW030	Lower Ross Basin upstream of Grand Mogul	Copper	1240	Y		mg/kg	
	UASW059	UASW059	Grand Mogul discharge (at toe)	Copper	235	Y		mg/kg	
	CC01T	UASW023	Cement Creek upstream of Mogul North and downstream of Gra	Copper	424	Y		mg/kg	No
7 Level	UASE012	UASE012	upstream of Gold King 7 level	Copper	73.1	Y		mg/kg	
	UASE011	UASE011	downstream of Gold King 7 level	Copper	113	Y		mg/kg	No
N Mogul on CC	CC01T	UASE023	Cement Creek upstream of Mogul North and downstream of Qu	Copper	424	Y		mg/kg	
	CC02A	UASE022	Mogul North Mine drainage	Copper	303	Y		mg/kg	
	UASE021	UASE021	Cement Creek downstream of Mogul North Mine	Copper	516	Y		mg/kg	No
Mogul on CC	UASE020	UASE020	Cement Creek upstream of Mogul Mine	Copper	546	Y		mg/kg	
	UASE019	UASE019	Mogul Wetland discharge	Copper	177	Y		mg/kg	
	UASE018	UASE018	Cement Creek upstream of Mogul wetland	Copper	193	Y		mg/kg	
	UASE017	UASE017	Cement Creek downstream of Mogul wetland	Copper	63.6	Y		mg/kg	No
R&B on CC	CCOPP-12	UASE016	Cement Creek upstream of Red and Bonita	Copper	250	Y		mg/kg	
	CC03D	UASE015	Channel below Red and Bonita	Copper	112	Y		mg/kg	
	UASE014	UASE014	Cement Creek downstream of Red and Bonita	Copper	147	Y		mg/kg	No
Gold King on CC	UASE013	UASE013	Cement Creek upstream of N. Fork	Copper	84	Y		mg/kg	
	UASE010	UASE010	North Fork of Cement Creek	Copper	42.8	Y		mg/kg	
	UASW009	UASE009	Cement Creek downstream of N Fork	Copper	124	Y		mg/kg	No
American Tunnel on CC	UASE008	UASE008	Cement Creek upstream of American Tunnel	Copper	209	Y		mg/kg	
	CC18	UASE007	American Tunnel Discharge at Cement Creek	Copper	28.1	Y		mg/kg	
	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tu	Copper	279	Y		mg/kg	No
S. Fork on CC	UASE006	UASE006	Cement Creek upstream of S Fork/ downstream of American Tu	Copper	279	Y		mg/kg	
	CC17	UASE005	S. Fork of Cement Creek	Copper	65	Y		mg/kg	
	UASE004	UASE004	Cement Creek downstream of S Fork	Copper	86.5	Y		mg/kg	No
Dry Gulch on CC	UASE058	UASE058	Cement Creek upstream of Dry Gulch	Copper	212	Y		mg/kg	
	UASE056	UASE056	Cement Creek downstream of Dry Gulch	Copper	80.7	Y		mg/kg	No
Prospect Gulch	UASE054	UASE054	Prospect Gulch	Copper	64.9	Y		mg/kg	N/A
Georgia Gulch on CC	UASE050	UASE050	Cement Creek upstream of Georgia Gulch	Copper	60	Y		mg/kg	
	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fair	Copper	159	Y		mg/kg	No
Elk Tunnel/ Fairview Gulch on CC	UASE049	UASE049	Cement Creek downstream of Georgia Gulch/ Upstream of Fair	Copper	159	Y		mg/kg	
	UASE047	UASE047	Cement Creek downstream of Elk Tunnel/ Fairview Gulch	Copper	47.8	Y		mg/kg	No
Minnesota Gulch on CC	UASE046	UASE046	Cement Creek upstream of Minnesota Gulch	Copper	112	Y		mg/kg	
	UASE045	UASE045	Minnesota Gulch	Copper	77.1	Y		mg/kg	
	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Copper	76.4	Y		mg/kg	No
Anglo Saxon on CC	UASE044	UASE044	Cement Creek upstream of Anglo Saxon/ downstream of Minnes	Copper	76.4	Y		mg/kg	
	UASE043	UASE043	Anglo Saxon Mine discharge	Copper	110	Y		mg/kg	

Contribution of:	Station ID	UASE Number	Location Description	Analyte	Result	Detected	Result Qualifier	Units	3X BG?
	UASE042	UASE042	Cement Creek downstream of Anglo Saxon Mine	Copper	59.7	Y		mg/kg	No
Ohio Gulch on CC	UASE041	UASE041	Cement Creek upstream of Ohio Gulch	Copper	55.2	Y		mg/kg	
	UASE040	UASE040	Ohio Gulch	Copper	40.4	Y		mg/kg	
	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Copper	29.8	Y		mg/kg	No
Illinois Gulch on CC	UASE039	UASE039	Cement Creek upstream of Illinois Gulch/ downstream Ohio Gulch	Copper	29.8	Y		mg/kg	
	UASE037	UASE037	Cement Creek downstream of Illinois Gulch	Copper	41.8	Y		mg/kg	No
Kendrick Smelter on CC	UASE036	UASE036	Cement Creek upstream of Kendrick	Copper	98.6	Y		mg/kg	
	CC48	UASE035	Cement Creek downstream of Kendrick	Copper	42.7	Y		mg/kg	No
CC on Animas	A68	UASW003	Animas upstream of Cement Creek	Copper	119	Y		mg/kg	
	UASE002	UASE002	Cement Creek upstream of Animas	Copper	53	Y		mg/kg	
	UASE001	UASE001	Animas downstream of Cement Creek	Copper	48.7	Y		mg/kg	No
Mineral Creek on Animas	UASE034	UASE034	Animas upstream of Mineral Creek	Copper	91.4	Y		mg/kg	
	M34	UASE033	Mineral Creek	Copper	216	Y		mg/kg	
	UASE032	UASE032	Animas downstream of Mineral Creek	Copper	201	Y		mg/kg	No
Animas River	A72	UASE029	Animas downstream of Silverton (A72)	Copper	167	Y		mg/kg	N/A

UAAD Number	Location ID	Location Description	Analyte (mg/Kg)																					
			Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
UAAD001	CC19	American Tunnel	5480	0.31J	18.1	17.4	0.78J	0.23J	1540	2.6J	1.5J	20.2	359000	115	644J	280	1.2J	148J	0.16J	0.31J	31.2J	<1.6	45.9	282
UAAD002	CC08	Gold King 7 Level	3170	1.2J	43.9	3.5J	1.2J	0.74J	1490	0.62J	0.62J	11	445000	1740	327J	107	0.56J	268J	0.34J	0.88J	28.6J	0.017J	12.4	361
UAAD004	CC02D	Mogul Mine	2320	1.7J	49.1	41.3	0.13J	1J	729J	2.2J	16.6	32.8	482000	419	1040J	2110	1.7	373J	0.23J	0.84J	30.5J	0.25J	12	232
UAAD003	CC03C	Red and Bonita																						

No data for this location

		Analyte and Concentration (mg/Kg)																															
UASO Number	Location Description	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc										
UASO001	American Tunnel	13900	0.84	J	23.7	117	0.48	J	9.6	5910	8.4	8	244	47800	1820	11200	1180	5.8	1070	0.85	J	5.4	77.9	J	0.31	J	53.6	2610					
UASO002	American Tunnel	12900	0.14	J	13.5	113	0.44	J	0.11	J	2080	10	6.8	40.6	36900	241	10700	798	6.8	1030	0.62	J	1.3	81.2	J	0.33	J	65.3	102				
UASO003	Red and Bonita - Top pile	6780	1.8		9.1	105	0.19	J	0.63	1780	4.9	1.3	195	102000	6440	5600	452	2.3	790	2.7	J	103	77.4	J	0.5	J	28	167					
UASO004	Red and Bonita - Middle pile	1470	1.2	J	15.7	18.7	0.22	J	0.58	J	389	J	1.8	1	104	150000	1850	477	J	630	1.3	319	J	1.2	J	10.4	38.8	J	0.23	J	23.7	265	
UASO005	Red and Bonita - Bottom pile	2280	12		29.3	68.3	0.16	J	35.4	405	J	2.2	0.41	J	298	308000	5080	375	J	138	0.38	J	418	J	1.4	J	27.5	43.9	J	0.1	J	49.7	11300
UASO006	Mogul North Waste Pile	1130	13.5		34.9	83.8	0.21	J	5	57.7	J	1.3	0.19	J	211	8170	3880	45.9	J	423	0.19	J	714	1.7	J	34.6	22.3	J	0.81	J	7.8	1400	
UASO007	Grand Mogul Slope - West Side	1450	11.7		38.6	97.2	0.32	J	7.6	259	J	0.87	J	0.23	J	471	18900	4920	72.4	J	122	0.17	J	1240	1.8	J	54	58	J	0.85	J	12	2100
UASO008	Grand Mogul Slope - East Side	2020	0.28	J	90.2	72.1	0.3	J	1.1	807	J	2.3	0.88	J	111	21500	4510	950	J	852	0.74	J	1480	1.3	J	8.4	37.7	J	1.2	J	17.6	319	
UASO009	Grand Mogul Mine - East Side	11200	0.25	J	98.6	34.9	0.2	J	0.55	1360	11.9	5.5	47.1	36000	1030	11100	1620	5.3	872	0.6	J	5.7	105	J	0.38	J	62.1	187					
UASO010	Grand Mogul Mine - Center	665	12.2		55.2	81.3	0.11	J	40	34.8	J	0.88	J	0.35	J	4800	22200	15900	38.2	J	177	0.27	J	1200	3.4		113	53.9	J	0.73	J	7.1	10400
UASO011	Grand Mogul Mine - West Side	13000	0.54	J	32.8	46.1	0.35	J	0.7	2030	10	4.8	33.1	25200	2280	12700	3280	5.3	671	0.83	J	4.8	84.3	J	0.38	J	80.8	210					
UASO012	Mogul Mine - West Side	908	0.99	J	13.6	37.1	0.13	J	0.53	48.6	J	0.48	J	0.12	J	63.1	7700	1050	118	J	135	0.14	J	961	0.9	J	6.9	53.1	J	0.43	J	4.9	140
UASO013	Mogul Mine - adjacent to shed	3270	3.6		37.7	68.4	0.19	J	9	246	J	2.7	1.5	285	48300	3170	1920	433	1.4	769	1.3	J	22.9	70.9	J	0.37	J	15.4	2580				
UASO014	Mogul Mine - East Side	19500	0.41	J	31.8	154	0.79		3.7	1540	9.9	21.4	162	55900	1070	9840	5570	9.5	1090	0.52	J	2.7	59.2	J	0.56	J	47.5	498					